

# PATENT ABSTRACTS OF JAPAN

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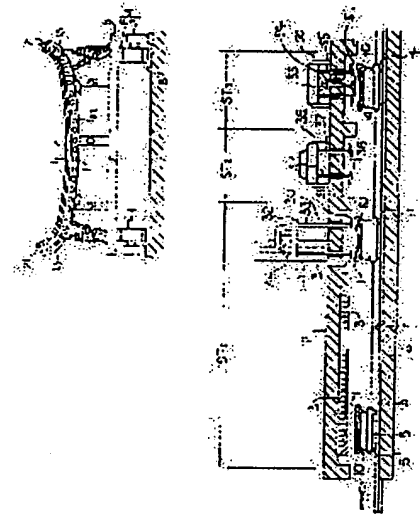
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## (54) METHOD FOR BENDING RAW GLASS SHEET FOR LAMINATED GLASS AND APPARATUS THEREFOR

### (57)Abstract:

**PURPOSE:** To produce a laminated glass having reinforced peripheral part by placing glass sheets for lamination on a bending mold in stacked state, temporarily forming the sheets by the own weight under heating, press-forming the deep- bending part and cooling the peripheral part with an encircling member.

**CONSTITUTION:** A pair of glass sheets for lamination 1 are placed in stacked state on a bending mold 10 composed of a stationary split mold 11 and a mobile split mold 13 and transferred with a truck 5 into a heating and bending stage ST1. The whole glass is heated to the bending work temperature while locally heating the deep-bending part to a high temperature and temporarily formed by the own weight of the glass. The incompletely formed deep-bending part is partly pressed with an auxiliary press 30, the glass sheets for lamination are transferred to a partial heating stage ST2 and the encircling part of the glass sheets for lamination 1 is partially heated with a partial heating means 35. The heated material is transferred to a cooling stage ST3 and the peripheral part of the glass sheets for lamination 1 is cooled with an encircling member 51 containing circulating cooling medium of a cooling means 50 to reinforce the peripheral part.



## LEGAL STATUS

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